

Date: Thu, 21 Apr 94 04:30:17 PDT
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V94 #124
To: Ham-Digital

Ham-Digital Digest Thu, 21 Apr 94 Volume 94 : Issue 124

Today's Topics:

ftp mail server source for ax.25 for LINUX operating system?
How to build FH xmitter/rcvr pair?
Internet > Packet gateways??
ka9q nos help
Packet Activities at Dayton
Syntors, Syntor_X
TI 320C26 DSP Eval Kit
WEFAX

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 20 Apr 94 03:46:04 GMT
From: agate!library.ucla.edu!europa.eng.gtefsd.com!emory!gatech!news.ans.net!
hp81.prod.aol.net!search01.news.aol.com!not-for-mail@ucbvax.berkeley.edu
Subject: ftp mail server source for ax.25 for LINUX operating system?
To: ham-digital@ucsd.edu

Hello All:

I am looking for a ftp mail server which might have the ax.25 source code
and/or executables for the Linux clone for unix. I am working on getting a
public access linux station available for the chicagoland area, and the ax.25
protocol for linux would be very handy. I know it exists, but my only internet
access is through a service which does not yet provide ftp. If any of you
reading this happens to have the code, but not know of such a ftp mail site, I
would appreciate Email, so we can work out how I re-imberse you for a copy!!!

Thanks, and best 73

Tom Eckels
N9PLI
[44.72.20.102] amper net (chicagoland 145.59mhz)
TomE206990@aol.com (internet Email)
708-882-8224 Home Phone
708-677-7660 x1500 work phone

Date: 19 Apr 1994 22:24:52 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!vixen.cso.uiuc.edu!
roundup.crhc.uiuc.edu!hull@network.ucsd.edu
Subject: How to build FH xmitter/rcvr pair?
To: ham-digital@ucsd.edu

I am interested in building a low power, low frequency
Frequency Hopped transmitter/receiver pair for experimentation.
Is there a good source of information on constructing such a
device?

Any and all help is appreciated.

Thanks!

Andy Hull
Univ. Illinois
hull@what.csl.uiuc.edu
(217) 333 6444

Date: Tue, 19 Apr 1994 23:45:04 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!news.ucdavis.edu!csus.edu!netcom.com!
parker@network.ucsd.edu
Subject: Internet > Packet gateways??
To: ham-digital@ucsd.edu

You can try telnetting into 44.16.0.61. That's the JPL Internet link in
Pasadena. They might still have the direct conference link which is a
3600 port number, so just add 3600 at the end of the telnet address. As
far as I know, there is no password required. Good luck.

--

| Andrew Parker | KD6TGM | parker@netcom.com |

|-----
This signature is extra lean. It will not contain more than 15% fat.

Date: 20 Apr 94 13:35:24 GMT
From: news-mail-gateway@ucsd.edu
Subject: ka9q nos help
To: ham-digital@ucsd.edu

Hello,

I am looking for an ibm xt version of ka9q nos. I have ftped the ucsd.edu directory /hamradio/packet/tcpip and downloaded the file FAQ-1292 and it has alot of good info but not alot on the NOS files in that directory. Does anyone have a discription of the files in /hamradio/packet/tcpip?

In addition, there is a nos.exe file in that directory. Is that compiled for an xt?

Finally, can anyone point me to systems other than ucsd.edu that contain tcpip code and info.

Thanks in advance!

Dan Flynn WW3N
Flynn@nadc.nadc.navy.mil

Date: 20 Apr 1994 08:33:27 GMT
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!news.unt.edu!ponder.csci.unt.edu!
greg@network.ucsd.edu
Subject: Packet Activities at Dayton
To: ham-digital@ucsd.edu

SB NEWS @ TAPR \$TAPR415.001
Packet Activities at Dayton

Tucson Amateur Packet Radio

April 15th, 1994

PACKET ACTIVITIES AT DAYTON '94

There is a lot going on at Dayton again this year, but here is information on the packet forum and TAPR activities during Dayton '94. If you are attending Dayton, we hope you can take sometime to attend some or all of the activities. If you are a TAPR member we look forward to you coming by the booth and saying hello.

===== Schedule =====

Friday, April 29th, 1994

12noon - 6:00pm Visit the TAPR Booth and enjoy the show!

1:00pm - 4:45pm Packet Forum, Room 4
Bob Neben, K9BL, Moderator

Speakers:

Packet Radio for the Beginner, Greg Jones, WD5IVD
Packet Parallel Connection, Paul Newland, AD7I
TAPR/AMSAT DSP-93 Project, Bob Stricklin, N5BRG
TAPR BBS SIG Update, Dave Wolf, W05H
Interfacing WX Data to Packet, Mel Whitten, K0PFX
WX Station Interface, John Bennett, N4XI
TAPR Regional Network SIG, John Ackerman, AG9V
FCC Regulatory Issues, Dewayne Hendricks, WA8DZP
Other speakers as assigned.

7:00pm - 11:00pm TAPR Hospitality Suite
Premier Room, SE Corner of Radisson Inn,
2401 Needmore & I-75
Food, Packet, DSP-93, and More

7:30pm TAPR National BBS SIG Meeting
Premier Room, Radisson Inn

Saturday, April 30th, 1994

8:00am - 5:00pm Visit the TAPR Booth and enjoy the show!

6:15pm (about) Packet Dinner at McNasty's
Maps available at the TAPR Booth
Come have BBQ with the digital crowd

8:00pm - 11:00pm TAPR Hospitality Suite
Premier Room, Radisson Inn

8:15pm (about) TAPR Regional Networking SIG
Premier Room, Radisson Inn

Sunday, May 1st, 1994

8:00am - 12noon Last chance to visit the TAPR Booth
 and enjoy the show!
 Why 12noon ? We typically finish up early.

TAPR Special Interest Groups

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At its March board meeting, TAPR created three Special Interest Groups (SIG) to help exchange information among packet radio users. These are devoted to BBS issues (BBS SIG), to information about building, maintaining, and extending packet radio networks (NET SIG), and to FCC Regulatory Issues (FCC SIG). All amateurs, TAPR members or not, are welcome to all SIG meetings. The SIG meetings will occur at the Radisson Inn, in the Premier Room Saturday and Sunday evenings.

TAPR National BBS SIG Meeting

The BBS SIG held its first meeting on Saturday evening, March 5, 1994, in conjunction with the TAPR annual meeting. This meeting will be the second of three scheduled this year.

The BBS SIG is currently considering these issues:

- o hierarchical addressing
- o education of users to get the most from the local
bulletin boards
- o education of sysops to get the most from their
software
- o establishing a library of case studies so we're all
not constantly 'reinventing the wheel' when we
set up or upgrade a BBS
- o establishing a list of standard 'TO' and '@' fields

The Friday evening session will discuss these and look at what other issues the BBS SIG should begin to exam. Please come join this meeting of the minds.

Dave Wolf, W05H, BBS SIG chairperson

TAPR Regional Networking SIG

The NET SIG held its first meeting on Friday evening, March 4, 1994, in conjunction with the TAPR annual meeting. Below is the list of current issues.

1. Establish a collection of networking case studies for the benefit of those implementing networks.
2. Establish a database of people interested in networking.
3. Get discussion going on how we're going to interconnect regional networks.
4. Discuss the role of packet <--> internet gateways in the network scheme.

The NET SIG will meet at the Radisson Inn in Dayton on Saturday evening, April 30, after the McNasty's packet dinner. Come to the Saturday evening session and LET'S HEAR WHAT YOU THINK ABOUT THESE ISSUES!!

John Ackermann, AG9V, NETSIG chairperson

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399 * (817) 383-0000

Date: 20 Apr 94 16:09:33 GMT
From: news-mail-gateway@ucsd.edu
Subject: Syntors, Syntor_X
To: ham-digital@ucsd.edu

Gary writes:

> I had always had the impression that the Syntor was a
> programmable synthesized radio.
>
> Can anyone explain the features of the Syntor? Were there some
> early crystal controlled units with later synthesized units?
> Or is my impression of these being programmable at all
> wrong? What about Syntor X ?
> TNX es 73,
> Gary

I'm no Motorola expert, but i thought all the syntors where synthesized. (otherwise, wouldn't they have called them Crytors?:) The plain vanilla Syntor, is available in several different models for high band, low band, UHF, and 800. There are probably more. I've used both VHF and UHF models successfully on

the ham bands, with no conversion other than reprogramming and retuning. (be a little careful, for each band, there are several different ranges of synthesizers, not all the ranges will work in the ham bands)

As for setting up the prom information on the radio, it's pretty simple, once you figure out all the pin-shift stuff, and frequency data for the synthesizer dividers. I'll bet the info is motorola proprietary, so there is no way I can give you any of the data or prom information, but any dealer should be able to get 90% of the data correct from the factory programmer. The pin-shifts on the factory programmer will probably be incorrect for amateur use, but you can fix those manually. (providing you have a way to edit the prom data)

I recently picked up a low band syntor X. Reverse engineering the programming codes on that radio is a tad more tricky. It has MANY more features than the plain syntor. All the PL and DPL codes are programmable, as are a timeout timer, pin-shifts, priority and non-priority scan lists, noise blanker, and squelch modes. It's a nice radio and covers 10 meters thru 6 meters! I'm using mine for 29.6Mhz, state police and fire scanning, and 6 meters, all without doing any hardware conversion! About all i have to do is change the antenna on the car when i switch from 6 to 10.

Sorry i can't supply you with detailed data for setting up the radio, but if you just need some info on the pin shifts or synthesizer ranges, i may be able to help you out. FYI the pin shift info and SOME of the programing information is available in the Motorola service manual. Again, the internal specifics of the prom data is probably owned by Motorola, so check with a dealer if you don't have a GOOD logic analyzer and a lot of patience ! Maybe in another 10 years or so, the prom information will be public domain! (or at least Motorola won't care if it is handed around)

73 de brian e.

Date: Wed, 20 Apr 1994 02:53:59 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!europa.eng.gtefsd.com!
library.ucla.edu!news.ucdavis.edu!csus.edu!netcom.com!fmitch@network.ucsd.edu
Subject: TI 320C26 DSP Eval Kit
To: ham-digital@ucsd.edu

Jim Lill (jplll@vectorbd.com) wrote:
: Has anybody done anything with TI's \$99 320C26 Evaluation Kit?

: -Jim wa2zkd

: --

: -----
: -Jim Lill- Vector Board BBS
: jp11@vectorbd.com 716-544-1863/2645
: wa2zkd@wb2psi.#wny.ny.usa.na GEnie: ZKD

who has the kits? anybody have an 800 number where they can be obtained???

mitch
fmitch@netcom.com

--

fmitch@netcom.com
Felton "Mitch" Mitchell, WA4OSR in Mobile, Alabama USA
205-342-7259 home, 205-476-4100 work, 205-476-0465 FAX
co-sysop for W4IAX bbs running fbb ... sysop for WA4OSR DXCluster in Mobile..

Date: 19 Apr 94 17:44:00 -0500
From: blkcat!org!fidonet!z1!n109!f239!William.Boan@uunet.uu.net
Subject: WEFAX
To: ham-digital@ucsd.edu

I have heard of people using their HF receivers, to receive the WEFAX signal from Spacenet3 T17. Is anyone out there doing this, or could tell me how it is done? It's the service that is provided by Alden Electronics and is FREE as long as it is not used for personal gain or profit.

.
Thanks, William.

* SLMR 2.1a * HAS ANYONE SEEN MY CAPSLOCK KEY?

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|Fidonet: William Boan 1:109/239
|Internet: William.Boan@f239.n109.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

Date: 21 Apr 94 03:55:03 GMT
From: agate!howland.reston.ans.net!usc!nic-nac.CSU.net!csulb.edu!
paris.ics.uci.edu!news.claremont.edu!kaiwan.com!not-for-mail@ucbvax.berkeley.edu
To: ham-digital@ucsd.edu

References <parkerCoJ5z5.67A@netcom.com>, <pineappCoKCL1.L6F@netcom.com>,
<parkerCoKuEw.2n2@netcom.com>
Subject : Re: Internet > Packet gateways??

Andrew Parker (parker@netcom.com) wrote:

> I don't have any idea why it is freezing up. I tried it, and it did the same
> for me. The only other thing that I can think of is going through the front
> door and giving the command to go into conference mode. I don't know how to
> do that on that particular system though. If it's that important try leaving
> a message to the operator to see what's wrong with it.

> --

> -----
> | Andrew Parker | KD6TGM | parker@netcom.com |
> |-----|
This signature is extra lean. It will not contain more than 15% fat.

Do you know any more of these?

--

____[Robb Topolski]____[San Clemente, CA]____[topolski@kaiwan.com]____
"It's not enough to live and let live. You must chant their mantra as
well; you must repent, renounce your own values, and pronounce those of the
radical left as superior..." --Rush Limbaugh, SEE I TOLD YOU SO, Page 84

End of Ham-Digital Digest V94 #124
